Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 21 Sep 2023 until 23:59 on Friday 22 Sep 2023

Forecast Issued on Wednesday 20 Sep 2023 at 17:40

Confidence: High for a generally unsettled period of weather with a mix of sunshine and showers.

Headline for Thursday 21 Sep 2023: Sunshine and occasionally heavy showers with a risk of thunder.

Mountain weather hazards on Thursday 21 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Cloudy	Cloudy	Light rain showers	Light rain showers	Light rain showers	Clear night	Partly cloudy (night)
Precipitation probability							
20%	00%	00%	20%	50%	30%	00%	00%

Forecast for Thursday 21 Sep 2023

Weather: Any lingering showers soon easing with some clear spells through the early hours. Sunshine and showers developing through the morning, these occasionally heavy and blustery with a risk of thunder. Turning drier and clearer into the late afternoon and evening. Feeling breezy, especially in the heavier showers.

Chance of cloud-free hill tops above 600m: Greater than 90%

Low Cloud and visibility: Generally very good or excellent, but occasionally moderate or poor in the heavier showers. Bases mainly above the tops, perhaps falling to 500 m in the heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 21 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 SW	15/22 SW	13/20 SW	16/22 SW	13/20 SW	15/21 SW	11/18 SW	11/17 SW	11/17 SW
300	8/20 SW	6/17 SW	4/14 S	10/19 SW	8/17 SW	10/19 SW	6/16 SW	4/13 SW	5/13 SW
Valley	5/16 SW	4/15 SW	4/16 S	7/16 SW	8/15 SW	9/18 SW	4/14 SW	4/11 SW	4/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	7/3	6/3	7/4	8/5	9/6	8/5	7/4	6/3
300	10/8	9/8	8/7	10/8	11/10	12/10	9/8	8/7	8/7
Valley	11/10	10/9	9/8	11/10	12/11	14/12	11/10	10/9	10/9
Freezing Level*	1600m	1500m	1600m	1600m	1600m	1500m	1500m	1600m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Showers possible from late morning and through much of the afternoon, with conditions changing quickly under the showers, although some parts may see very little rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 20 Sep 2023	19mm	47.2mm	57.2mm

Forecast for Friday 22 Sep 2023

Weather: Rain and some cloud at first pushing eastwards through the morning, with some isolated heavier showers possible. Showers becoming more widely scattered into the afternoon, then easing by the evening.

Maximum wind: Westerly 15-20 mph with gusts of 20-25 mph.

Chance of cloud-free hill tops above 600m: 80%

Low Cloud and visibility: Generally very good or excellent, but occasionally moderate or poor in the heavier showers. Bases mainly above the tops, perhaps falling to 500 m in the heavier showers.

Temperature: **Valleys:** Plus 1 Celsius.
At 600m: Plus 7 Celsius.
Freezing level: Above the summits.

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